



**Making Tracks**  
Missouri Department of Conservation  
2360 Hwy D  
St. Charles, MO 63304  
[www.conservaation.state.mo.us](http://www.conservaation.state.mo.us)

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**August A. Busch Memorial Conservation Area**  
**Powder Valley Conservation Nature Center**  
**Rockwoods Reservation**



# Making Tracks

June 2003

Volume 03, Number 6

## Aldo Leopold

By Nancy Snider, Education Consultant

Aldo Leopold is considered to be the father of wildlife ecology. His career began as a forester with the U.S. Forest Service. He moved from there to conduct game surveys throughout the Midwest and to teach at the University of Wisconsin. He became chairman of the new Department of Wildlife Management at the University of Wisconsin and was a commissioner for the Wisconsin Conservation Commission. He also assisted in establishing the Wilderness Society. His book *Game Management* (1933) set the standards for managing and restoring wildlife populations. He was an internationally respected scientist and conservationist. His advice was invaluable to the fledgling Missouri Department of Conservation. However he is best known for his book *A Sand County Almanac* (1949), illustrated by Missouri's own Charles Schwartz. *A Sand County Almanac* is a volume of nature sketches and philosophical essays that convey Leopold's sense of land ethic. In this book he also relates his experiences of restoring the environment on his farm.

Leopold had close ties to Missouri. Three of his grandparents lived in Missouri. In 1929 Leopold crisscrossed the state for a game survey he was doing in the Midwest. He enjoyed quail hunting in Missouri and for many years would use a shanty on the Current River as a base camp for his hunts. In 1936, when Missouri's Conservation Commission was formed, Chairman E. Sydney Stephens tried to persuade Leopold to become its first director. Leopold was too committed to his work in Wisconsin to move to Missouri. However, his son (Stalker) was hired by the Department in 1939 to do a comprehensive study of the wild turkey in Missouri. Leopold often visited Missouri and in one of these trips he met Charles Schwartz, an artist for the Missouri Department of Conservation. He arranged for Schwartz to illustrate his new book, *A Sand County Almanac*. Unfortunately, Aldo Leopold died before his book was published. However his legacy lives on in his books and in the organizations he helped create.

*"The problem, then, is how to bring about a striving for harmony with land among a people many of whom have forgotten there is any such thing as land, among whom education and culture have become almost synonymous with landlessness. This is the problem of conservation education."*  
~Aldo Leopold~

To learn more about Aldo Leopold and his Missouri Connections visit the website:  
<http://www.conservaation.state.mo.us/connage/1999/05/5.html>  
for the 1999 Missouri Conservationist article: "Sand County Anniversary" by Susan Fladerl.

The Leopold Education Project (LEP) is one offshoot of the work of Aldo Leopold. It is an innovative, interdisciplinary, critical-thinking, conservation and environmental education curriculum. LEP uses the writing of Aldo Leopold to help educators create lessons to increase student awareness of the environment and the need for conservation. To learn about the Leopold Education projects and how to attend a LEP workshop, visit the website:  
[http://www.lep.org/about\\_lep.htm](http://www.lep.org/about_lep.htm)

## Making Tracks

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Programs Supervisor, Rockwoods:

Janice Starke

## Volunteer Milestones

*Thanks for all your effort and help!*

### Busch Conservation Area

Marv Staloch.....1800 hours  
Dick Baumann.....1700 hours  
Gladys Kullman.....1600 hours  
Margaret McGregor..1400 hours  
Ed Leutwiler.....400 hours

### Rockwoods Reservation

George Triplett.....2200 hours  
Kate Edwards.....1850 hours  
Meg Wilson.....650 hours  
Ron Box.....450 hours

### Powder Valley

#### Nature Center

Jack McGinnis .....3900 hours  
Dick Wasson.....3600 hours  
Marjorie Yamada..3000 hours  
Ed Witte.....2200 hours  
Rita Mueller.....800 hours  
Tom Bayer.....700 hours  
Cheryl Rafert.....400 hours  
Dhaval Desai.....300 hours



A  
Charles  
Schwartz  
Illustration

11715 Cragwold Road  
Kirkwood, MO 63122  
(314) 301 - 1500

What’s Bloomin’ in June?

Warm weather, sunny days and cool breezes mark the days of early summer. Wildflowers blossom across the Midwest. Native species of wildflowers dot Missouri landscapes in many habitats. These include roadsides, fencerows, glades and valleys. You can enjoy wildflowers closer to home at Powder Valley. Many grow along the trails and bloom in our front garden.

Several native species of wildflowers grow at Powder Valley. These include: pimpernel, tickseed coreopsis, blue-eyed grass and Venus’ looking glass. Spiderwort also grows at Powder Valley. It has narrow, bluish-green leaves to 12 inches in length. The flowers set in clusters, and open one at a time. They bloom in shades of purple, rose and deep blue. Showy evening primrose is a low-growing plant to 18 inches in height. It has pink or white flowers with four petals.

Don’t limit your exploration to the ground, though. Native shrubs also bloom. Look for the greenish-white blossoms of common hoptree, the white flowers of blackberry and the purple florets of Eastern wahoo, to name a few.

Come hike the trails and visit the front garden at Powder Valley Conservation Nature Center to discover what’s bloomin’ in June.

**JUNE HALLWAY EXHIBITOR**

**JAMES D. WILSON**  
Author of  
*Common Birds of North America – Midwest Edition*  
Exhibit Opening  
Sunday, June 1, 2003  
2 p.m.

Join artist and author James D. Wilson on Sunday, June 1, in a gallery conversation about his illustrations. His artwork will be on display in our hallway through June. A self-taught artist, Wilson has been drawing since childhood. In addition to acrylic, the medium used in his books, he works in pencil, pen and ink and water-color. For 24 years Wilson was State Ornithologist with the Missouri Department of Conservation. Wilson’s book, *Common Birds of North America – Midwest Edition*, is available for purchase from our gift shop.  
*No reservations necessary!*

**HOMESCHOOL PROGRAM**  
Children must be accompanied by an adult.

**Career Critters**  
April 19 10 a.m. – 11:30 a.m.  
(Ages 3-6) & (Ages 7-12) Even a creepy crawly critter can have a career. Find out how through indoor and outdoor activities. Reservations for ages 3 to 6 years and 7 to 12 years made separately.  
(Reservations begin June 5.)

**Resident Artisan**

**Fly Tying with Tjaden “Chad” Meyer**  
Demonstration in Lobby  
Sunday, June 22, 2003  
10 a.m. – 3 p.m.

Powder Valley is pleased to welcome back Tjaden “Chad” Meyer and his fly tying talents. Chad will be in our lobby to demonstrate the art of tying flies. Chad will discuss the tools of the trade and unique materials to create flies that could be hung on a wall, not on a hook.

Join Chad in our lobby and learn a new hobby that can be functional as well as beautiful. No reservations required.

**The Educators’ Niche**  
By Dennis Cooke, Outdoor Skills Education Specialist

Fishing Fun at Forest Park

Imagine getting to fish during school hours. Sound like fun? You’d be surprised at how many of Missouri’s state standards and frameworks can be taught in just one fishing trip with your students. And now, with the Forest Park Fish Hatchery lakes reopening for aquatic resource education programs, urban schools have fishing lakes closer than ever before.

After a long period of redevelopment, the Forest Park Fish Hatchery is now back in operation for aquatic resource education. The redevelopment of the hatchery was part of the Forest Park Master Plan. These lakes are reserved for the purpose of education; they are not open to the general public for fishing.

The Missouri Department of Conservation’s fish stocking program ensures that the lakes will be “filled to the gills” (pardon the pun) with fish that will jump right onto the students’ lines. Two lakes will be managed for catfish, two will be filled with bass and one lake will be part of a wetland. There is a newly constructed bathroom, a driveway conducive to bus traffic and the entire area is ADA accessible. There are even ADA accessible fishing docks for students in wheelchairs.

The site is perfect for conducting a fishing day event or using the Missouri Department of Conservation’s *Fishing for Answers* middle school curriculum. This free curriculum is correlated with the Missouri Show-Me Standards and has a wealth of ideas and background information on aquatic ecosystems. Each student can have his/her own *Fishing for Answers* workbook, and schools can order more copies each year.

To learn more about the program site, schedule a school trip, or to order the *Fishing for Answers* curriculum, call Dennis Cooke or Liz Lyons at (314)231-3803. You can also reach them by e-mail at [cooked@mdc.state.mo.us](mailto:cooked@mdc.state.mo.us) or [lyonsl@mdc.state.mo.us](mailto:lyonsl@mdc.state.mo.us).

**BUSCH RANGE**  
*Hours for June 2003:*

10 a.m. - 4 p.m. Friday-Monday  
2 p.m. - 8 p.m. Tuesday  
Closed Wednesday & Thursday  
Call (636) 441-4554 ext. 251 for information.

**HENGES RANGE**  
*Hours for June 2003:*

10 a.m. - 4 p.m. Thursday-Sunday  
2 p.m. - 8 p.m. Wednesday  
Closed Monday & Tuesday,  
Call (636) 938-9548 for information.

(Ranges will be closed for special events & holidays)

**DID YOU KNOW?**

**FREE FISHING!**

Any person may fish without permit, trout permit and prescribed area daily tag during Free Fishing Days. Free Fishing Days are the Saturday and Sunday following the first Monday in June each year.

**DID YOU KNOW?**

**DID YOU KNOW?**

**the Outdoor Teacher**

**The Outdoor Teacher Education Resource Center**

Hours:  
Monday - Friday  
8 a.m. - 5 p.m.  
(closed 11 a.m. - Noon for lunch)  
1926 S. 12th St.  
St. Louis, MO 63104  
(314) 231-3803



News from  
**August A. Busch** Memorial Conservation Area

**New Arrivals!**

By Rhonda Anderson, Interpretive Programs Supervisor

Every year at this time I have a pair of birds that come to live with me and raise their family. They really are not too much trouble, but they do get the front porch dirty. I would bet that if you look closely around your house and yard you will find that you have some feathered guests too!

Some species of birds, such as the black-capped chickadee, divide up the work between the male and female with both working to build the nest, incubate the eggs and feed the young. In other species, like the ruby-throated hummingbird, the female does all of the work. Very seldom does the male take on the sole responsibility of raising the young, but it does happen.

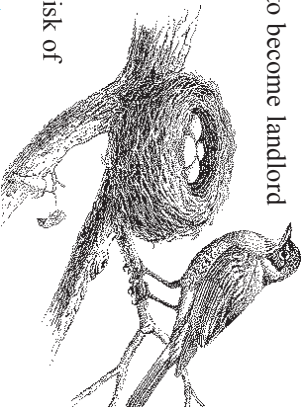
A nest can have anywhere from two to eight young birds in it at a time depending on the species. As the babies grow, the nest becomes very crowded and some of the young are pushed out. We frequently get calls asking what should be done with the baby birds. The answer depends on the age of the bird. If a baby bird is unable to fly and you can easily reach the nest, go ahead and put it back in the nest. Many people assume that the parents will abandon the babies if you touch them. This is not true; birds have no sense of smell. If the young bird can fly, even a little bit, it is best to leave it where you find it. Even when the young birds leave the nest, they are still dependent on their parents for food and the parents will find them and continue to feed them.

Here are some helpful hints if you should be lucky enough to become landlord to a pair of nesting birds:

-If you can, avoid the area, especially if the adults are protective of the nest.

-Be sure the kids are not trying to sneak a peak into the nest without an adult to supervise. A mirror secured to a broom handle will allow the kids to look at the babies without the risk of pulling the nest down.

-Keep your cats indoors until the babies have flown away.



**There's a Snapper in My Yard**

By Ben Pursley, Naturalist

June is the month when Missouri's turtles begin laying eggs. During this time you may see some turtles that just seem to be out of place.

One such turtle is the common snapping turtle (*Chelydra serpentine serpentine*). The common snapping turtle is Missouri's second largest turtle and is the more common of our two snappers. During the month of June female common snappers leave the security of the pond or river they call home to search for a suitable place to lay their eggs.

These turtles have been known to travel great distances in search of a place to lay their eggs. In their travels you may find one in an unusual place, such as your yard or on roads. This is a very dangerous time for these turtles. Many are injured or killed by cars when crossing roads. If you do happen to come across a snapper, it's probably best to just leave it alone. These turtles have very strong jaws and a lightning-fast strike.

After an arduous journey, the female snapper will select a slightly south- to southeast-facing slope with deep sand or loose soil to lay her eggs. She will use her hind legs and feet to excavate a cavity in the ground approximately 4 to 7 inches deep. She will then lay anywhere from 20 to 30 ping-pong ball sized cream colored eggs. These eggs can take from 55 to 125 days to hatch, but most will begin to hatch around the middle of August. (*The Reptiles and Amphibians of Missouri*, Johnson) Hatching snappers are around an inch to an inch-and-a-half long and will spend their first summer feeding on small fish, insects, other aquatic organisms and some plants.

This month keep an eye out for turtles in odd places, and with a little luck you may even be able to witness a snapper in your yard.



News from  
**Rockwoods** Reservation

**What's Being Born?**

By Erin Cornett, Naturalist

Spring has always been the time of year when people think about newborn animals, but there are still many critters that have just started to bear young, some of them for a third time this year! You may find several of these species in your backyard or local conservation area.

Many turtle species are laying eggs during this time of year. All turtles lay their eggs on land and bury them in sands or loose soil. The warmth of the June sun will incubate the eggs until they hatch.

Animals that lay eggs in the water are busy with breeding and nesting. The courtship calls of bullfrogs and tree frogs can be heard for up to a mile away. Meanwhile catfish fry (newly hatched catfish) are just now leaving the nests. Both parents guard them from predators and "fan" the nest to aerate the newly hatched catfish.

Several species of birds in Missouri are hatching new young for the year, and some, like the Eastern bluebird, are on their third and last brood.

You may see many mammals with their young this month. Raccoons, opossums and coyotes are teaching their young how to catch prey and escape predators. Although they are rarely seen, bats are bearing their young this month too. We discourage entering caves during June because disturbing the bats could cause the mother to drop her young and they probably would not survive because she has no way to pick them up.

Be observant during the month of June for tracks, egg shells and night sounds; you may get a glimpse of what has been born in your backyard.



**Ask the Naturalist**

**Question: What makes the color in flowers?**

Stella Stumper, age 7, Catawissa

**Answer:** Chemical substances called pigments make flowers colorful.

Pigments and the colors they produce are important because they filter out harmful ultraviolet rays from the sun and help plants go through photosynthesis – the process of converting energy from the sun into chemical energy in the plant, allowing it grow.

Two important groups of pigments found in flowers are called flavonoids and carotenoids. Many red, orange and yellow flowers have carotenoid pigment. Flavonoids give flowers blue, purple and shades of red. Various pigments in human skin are responsible for giving people around the world such a variety of skin colors.

**2751 Glencoe Road  
Wildwood, MO 63038  
(636) 458 - 2236**

**LOCATION:**

*From I-44*, take Hwy. 109 (Eureka exit) north 4 miles to Woods Avenue; left on Woods Avenue, and then immediately right on Glencoe Road; follow signs.

*From Hwy. 40 (I-64)*, take Clarkson Road south to Manchester Road; right (west) on Manchester to Hwy. 109; left (south) on Hwy. 109, 2 miles to Woods Avenue; right on Woods Avenue, and then immediately right on Glencoe Road; follow signs.

*From Manchester Road*, take Hwy. 109 south 2 miles to Woods Avenue; right on Woods Avenue, and immediately right on Glencoe Road; follow signs.

**AREA HOURS:**

Sunrise until 1 1/2 hour after sunset.

**VISITOR CENTER HOURS:**

Open seven days a week, from 8 a.m. to 5 p.m., during March, April, May, September and October. The Visitor Center will be closed on weekends during June, July, August, November, December, January and February.

**ABOUT THE AREA:**

All facilities are free to the public, including:

\*Education Center with exhibits and interpretive programs.

\*1,898 acres of rugged, mostly hardwood, forested land interspersed with springs and streams.

\*Three picnic areas (all with charcoal grills), two with drinking water, tables, and one with toilets.

\*Seven trails (one is self-guided and wheelchair accessible) totaling more than 10 miles.



# How to register for a JUNE program

Reservations are required unless otherwise specified. Reservations will be taken Monday through Friday from 8 a.m. to 5 p.m. Programs are intended for individuals and families only. If you are unable to attend a program, please call and cancel your reservation as a courtesy to those on our waiting list. Please limit requests to two programs per month, with only one to include an Ages 3-6 program. **Please be prompt. Arrival after 10 minutes may exclude you from the program.** Interpreting services are available for people with hearing loss, with five days advance notice.

## ROCKWOODS

For reservations, call (636) 458 - 2236

### Become A Young Rockwoods Ranger By Attending Our Theme Weeks

Throughout this month Rockwoods Reservation is offering Theme Weeks! Three 90-minute programs will be given followed by a comprehensive competitive activity on Friday. Students who attend all three programs will be awarded certificates of completion and will be added to the Rockwoods Rangers list!

#### H<sub>2</sub>Oh My Gosh!

(Ages 7-12) Learn the similarities and differences among three different aquatic habitats during this intense hands-on exploration. Dress for a mess for each program. (Reservations for all three programs begin May 19.)

**2 Pond Exploration**  
*Monday 10 a.m. – 11:30 a.m.*

**4 Spring Study**  
*Wednesday 10 a.m. – 11:30 a.m.*

**6 Stream Seek**  
*Friday 10 a.m. – 11:30 a.m.*  
Please wear waterproof shoes for this program. Students will be in the water using kick nets. Please no open-toed water shoes.

**6 Aquatic Jeopardy**  
*Friday 11:30 a.m. – 12:30 p.m.*  
This activity is only for those students who attended all three programs.

#### Outdoor Skills

(Ages 11- 15) Learn the basic skills needed to begin these new skills and hobbies. **Friday’s class will be held at Henges Shooting Range.** (Reservations begin May 27.)

**9 Tracking**  
*Monday 10 a.m. – 11:30 a.m.*

**11 Archery**  
*Wednesday 10 a.m. – 11:30 a.m.*

**13 Riflery**  
*Friday 10 a.m. – 11:30 a.m.*

**13 Outdoor Skills Challenge**  
*Friday 11:30 a.m. – 12:30 p.m.*  
This activity is only for those students who attended all three programs.

#### Get Outdoors!

(Ages 7-12) Part of enjoying the outdoors is knowing how to prepare for your outdoor experiences. Join us as we learn the basics of some of our favorite outdoor activities. (Reservations begin June 2.)

**16 Backpacking/Camping**  
*Monday 10 a.m. – 11:30 a.m.*

**18 Campfire Cooking**  
*Wednesday 10 a.m. – 11:30 a.m.*

**20 Fly Tying**  
*Friday 10 a.m. – 11:30 a.m.*

**20 Outdoors Person Challenge**  
*Friday 11:30 a.m. – 12:30 p.m.*  
This activity is only for those students who attended all three programs.

#### Survival Skills

(Ages 7-12) Want to learn how to survive in the wilderness? Join us as we learn the basic skills necessary to survive in the outdoors. (Reservations begin June 9.)

**23 Orienteering**  
*Monday 10 a.m. – 11:30 a.m.*

**25 Wild Edibles**  
*Wednesday 10 a.m. – 11:30 a.m.*

**27 Fire/Water/Shelter**  
*Friday 10 a.m. – 11:30 a.m.*

**27 Skills Challenge**  
*Friday 11:30 a.m. – 12:30 p.m.*  
This activity is only for those students who attended all three programs.

## BUSCH AREA

For reservations, call (636) 441 - 4554

**7 MTC Hike**  
*Saturday 7 a.m. – 10 a.m.*  
(Adults) Early summer is a great time to discover the abundance of wildlife that make their home at Marais Temps Clair. Join us as we take a 2.5 mile hike on the levees at MTC. (Reservations begin May 23.)

**11&17 Stream Study**  
*Wednesday 9 a.m. – 10:30 a.m. & 11 a.m. – 12:30 p.m.*  
*Tuesday 9 a.m. – 10:30 a.m. & 11 a.m. – 12:30 p.m.*  
(Ages 7-12) Come and find out how a stream stays clean and healthy. We will discover and study the critters that help keep it that way. (Reservations begin May 28 & June 3.)

**14&26 Wildflower Walks**  
*Saturday 9 a.m. – 10:30 a.m. (All Ages)*  
*Thursday 6 p.m. – 7:30 p.m. (Adults)*  
(All Ages) Discover the wildflowers that bloom at the Busch Area and learn to identify them. (Reservations begin May 30 & June 12.)

**16 Beautiful Butterflies**  
*Monday 9:30 a.m. – 10:30 a.m. & 11 a.m. – Noon*  
(Ages 3-6) Discover the magical changes that take place when caterpillars change into beautiful butterflies! We’ll make a craft to take home. (Reservations begin June 2.)

**21&29 Discovery Table:  
Mammals of Missouri**  
*Saturday 10 a.m. – 2 p.m.*  
*Sunday 11 a.m. – 3 p.m.*  
(All Ages) Discover tracks, skulls and furs belonging to Missouri mammals. (No reservations required.)

**24 Dragons in the Sky**  
*Tuesday 9:30 a.m. – 10:30 a.m. & 11 a.m. – Noon*  
(Ages 3-6) Do you know where dragonflies come from? You will be surprised! We will make a craft to take home. (Reservations begin June 10.)

## June Theme Weeks

### Wild Edibles Week

(Ages 10-16) Do you know what plants are edible and which ones are not? We will learn to identify wild edibles and how to prepare them. Bring your appetite on the 6<sup>th</sup> as we will be cooking what we find. (Reservations begin May 19.)

**2 Plant Identification 10 a.m. – 11:30 a.m.**  
**4 More ID & collecting 10 a.m. – 11:30 a.m.**  
**6 Cooking 101 10 a.m. – 11:30 a.m.**

### Herpetology Week

(Ages 7-12) Snakes, Turtles and Frogs, OH MY! Come join us as we discover Missouri reptiles and amphibians. (Reservations begin May 27.)

**9 Amphibians 10 a.m. – 11:30 a.m.**  
**11 Turtles 10 a.m. – 11:30 a.m.**  
**13 Snakes/Lizards 10 a.m. – 11:30 a.m.**

### Birding Week

(Ages 7-12) Are you a bird brain? If so, you’ll enjoy a week full of birding adventures. We will go birding both during the day and at night and build a bird feeder. Please bring binoculars if you have them. (Reservations begin June 2.)

**16 Build a Bird Feeder 10 a.m. – 11:30 a.m.**  
**18 Birding by Day 8 a.m. – 9:30 a.m.**  
**20 Birding by Night 8 p.m. – 9:30 p.m.**

### Night Exploration Week

(Ages 7-12) Are you afraid of the dark? Come explore the creepy creatures that come out at night. Please bring a flashlight. (Reservations begin June 9.)

**23 Bats 8 p.m. – 9:30 p.m.**  
**25 Night Insects 8 p.m. – 9:30 p.m.**  
**27 Spider Sniff 8 p.m. – 9:30 p.m.**

## POWDER VALLEY

For reservations, call (314) 301 - 1500

**2 Hiking Hickory Ridge Trail**  
*Monday 1 p.m. – 2:30 p.m.*  
(Adults) Join a volunteer naturalist to see what birds, trees and wild flowers we might find. (Reservations begin May 19.)

**2 Invasive Vine Basket Making**  
*Monday 10 a.m. – 11:30 a.m.*  
(7-12 years) Come and learn about vines such as honeysuckle, kudzu and English ivy and make a primitive basket using some of these vines. (Reservations begin May 19.)

**6 Missouri Summers**  
*Friday 7 p.m. – 9 p.m.*  
(All Ages) An evening of storytelling and song of plants, animals, folklore and events from Missouri summers. Join us at the Arbor. (Reservations begin May 23.)

**7&28 Identification of  
Common Missouri Trees**  
*Saturday 9 a.m. – 10:30 a.m..*  
(Adults) Walk one of the trails and identify our common trees. Dress for the weather. (Reservations begin May 23 and June 13.)

**11 Poisonous Plants**  
*Wednesday 3 p.m. – 4:30 p.m.*  
(All Ages) Want to know which plants are harmful to people? Join us as we explore the world of poisonous plants. Frontiers Connection: Poisonous Plants #17 (Reservations begin May 28.)

**22 Resident Artisan Fly Tying**  
*Sunday 10 a.m. – 3 p.m.*  
Chad Meyer will demonstrate fly tying.

**23 Babes in the Woods**  
*Monday 9:30 a.m. – 10 a.m. & 10:30 a.m. – 11 a.m.*  
(Age Birth -3 years) To introduce the very young to many aspects of the natural world. (Reservations begin June 9.)

**23 Hiking Broken Ridge Trail**  
*Monday 1 p.m. – 2:30 p.m.*  
(Adults) Join a volunteer naturalist to see what birds, trees and wild flowers we might find. (Reservations begin June 9.)

### THEME WEEKS

Sessions are Monday, Wednesday & Friday 9:30 a.m. – Noon  
They are at Powder Valley *unless otherwise specified.*

**Reservations are necessary.**

### Kids Outdoor Skills

(Ages 10–16) Have a child who’s interested in the outdoors? We’ve got a deal for you! Sign ‘em up for Kids Outdoor Skills and get Gun Safety, Archery and Fishing all in one week. All necessary equipment will be provided for registrants. (Reservations begin May 26.)

**9 Gun Safety Class** - Jay Henges Shooting Range  
**11 Archery Class** - Emmenegger Park, Kirkwood  
**13 Fishing Class** - Walker Lake, Kirkwood Park

### Maze Days

(Ages 7 -12) Naturalists use *keys* to help them identify living things. We’ve “spiffed” up the keys by making them into three-dimensional mazes. Practice using these handy naturalist tools while you make your way through the mazes and then make something to take home! (Reservations begin June 2.)

**16 Trees Maze**  
**18 Mammal Skulls and Bat Maze**  
**20 Fish and Ducks Mazes**

### Lewis & Clark

(Ages 7–12) In the early 1800s the Corps of Discovery Expedition was considered as great an adventure as a trip to the moon – a long, dangerous trip to an unknown. Become a crew member on our ½ size keelboat. Find out how they prepared for the trip, how they survived and what they learned. Make something to take home! (Reservations begin June 9.)

**23 The Keelboat: Crew and Gear; Survival Skills**  
**25 Journaling; Plants and Animals**  
**27 Native Americans; Endangered Species**